



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
**Cairns et al.**

Serial No.: **10/800167**

Filed: **March 12, 2004**

For: **Method and Apparatus for Parameter  
Estimation in a Generalized RAKE Receiver**

Attorney's Docket No: **4015-5161/P18204-US1**

PATENT PENDING

Examiner: TBA

Group Art Unit: 2631

Confirmation No.: 9086

**MS AMENDMENT**

Commissioner for Patents  
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Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]**

I hereby certify that this correspondence is being:

- ☒ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
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March 27, 2006

Date

Season E. Munck

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

In accordance with 37 C.F.R. 1.56, counsel wishes to make of record the attached items of information for the Examiner's consideration in connection with this application. Enclosed is/are Forms PTO/SB/08A and PTO/SB/08B for the Examiner's convenience in making such consideration of record. Inclusion herein of any particular item of information is not to be construed as an admission that same is prior art.

**The Commissioner is hereby authorized to charge any fees that may be required or credit any overpayment to Deposit Account 18-1167.**

Respectfully submitted,

COATS & BENNETT, P.L.L.C.

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Dated: March 27, 2006

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/800167	
			Filing Date	March 12, 2004	
			First Named Inventor	Cairns	
			Art Unit	2631	
			Examiner Name	TBA	
Sheet	1	of	1	Attorney Docket Number	4015-5161/P18204-US1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-2005/0201447 A1	09/15/2005	Cairns et. al.	
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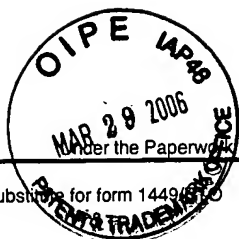
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language. Translation is attached.

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				Application Number	11/800167
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Sheet	1	of	1	Attorney Docket Number	4015-5161/P18204-US1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		CAIRNS, D. et. al., "Low Complexity Parameter Estimation For The Generalized Rake Receiver." 2004 IEEE 11 <sup>th</sup> Digital Signal Processing Workshop & IEEE Signal Processing Education Workshop. August 1-4, 2004. pp.191-195.	
		BOTTOMLEY, G. et. al., "A Generalized Rake Receiver For DS-CDMA Systems." 2000 IEEE 51 <sup>st</sup> Vehicular Technology Conference Proceedings on May 15-18 2000 in Toyko, Japan and New York, New York. May 15, 2000. pp. 941-945. Volume 2 of 3.	
		WANG, YI-PIN and BOTTOMLEY, G., "Generalized RAKE Reception for Canceling Interference from Multiple Base Stations." 2000 Vehicular Technology Conference on September 24-28, 2000 in Piscataway, New Jersey. September 24, 2000. pp. 2333-2339. Volume 5.	

Examiner Signature		Date Considered	
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